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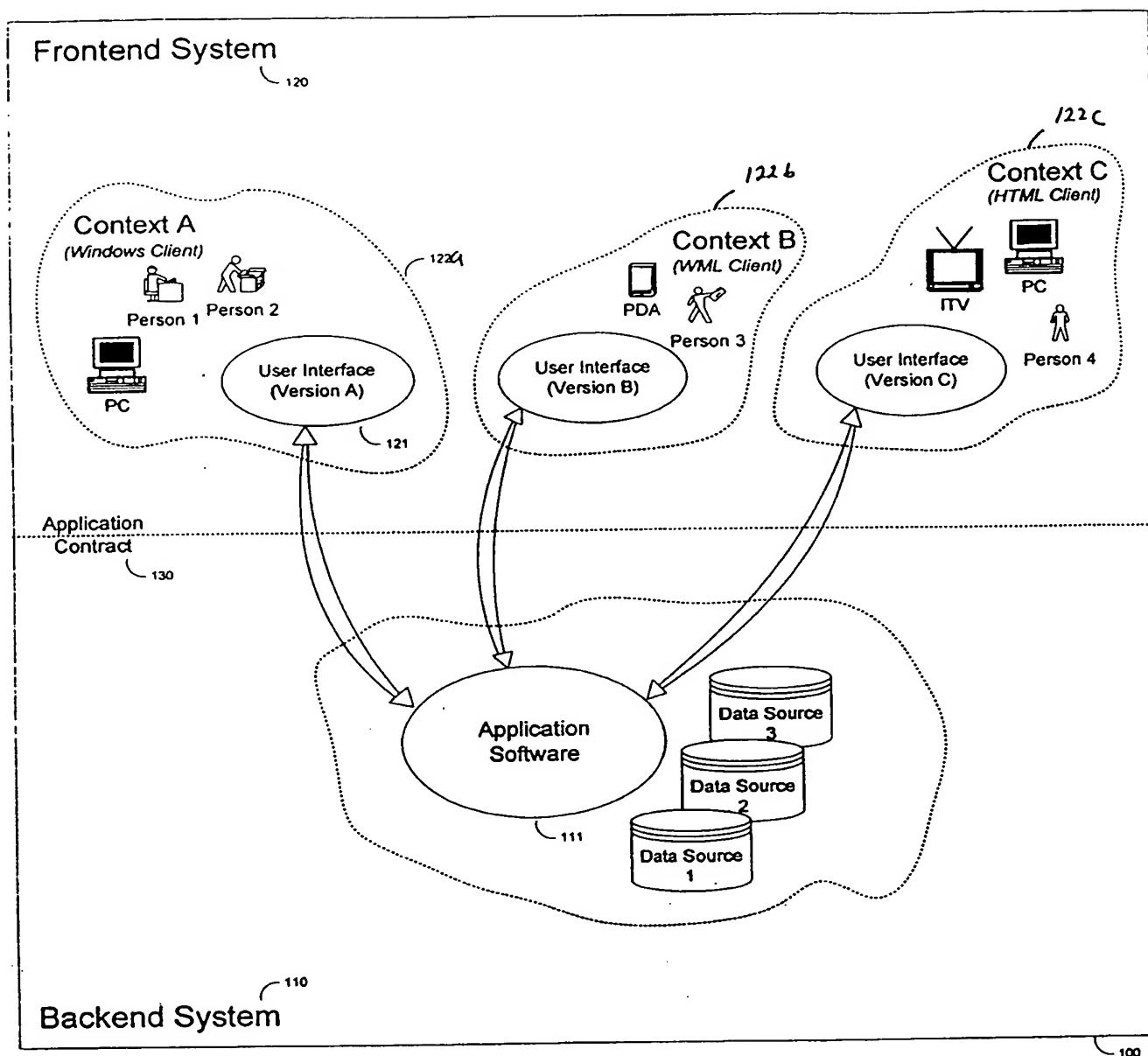
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Interactive Computer System

FIG. 1

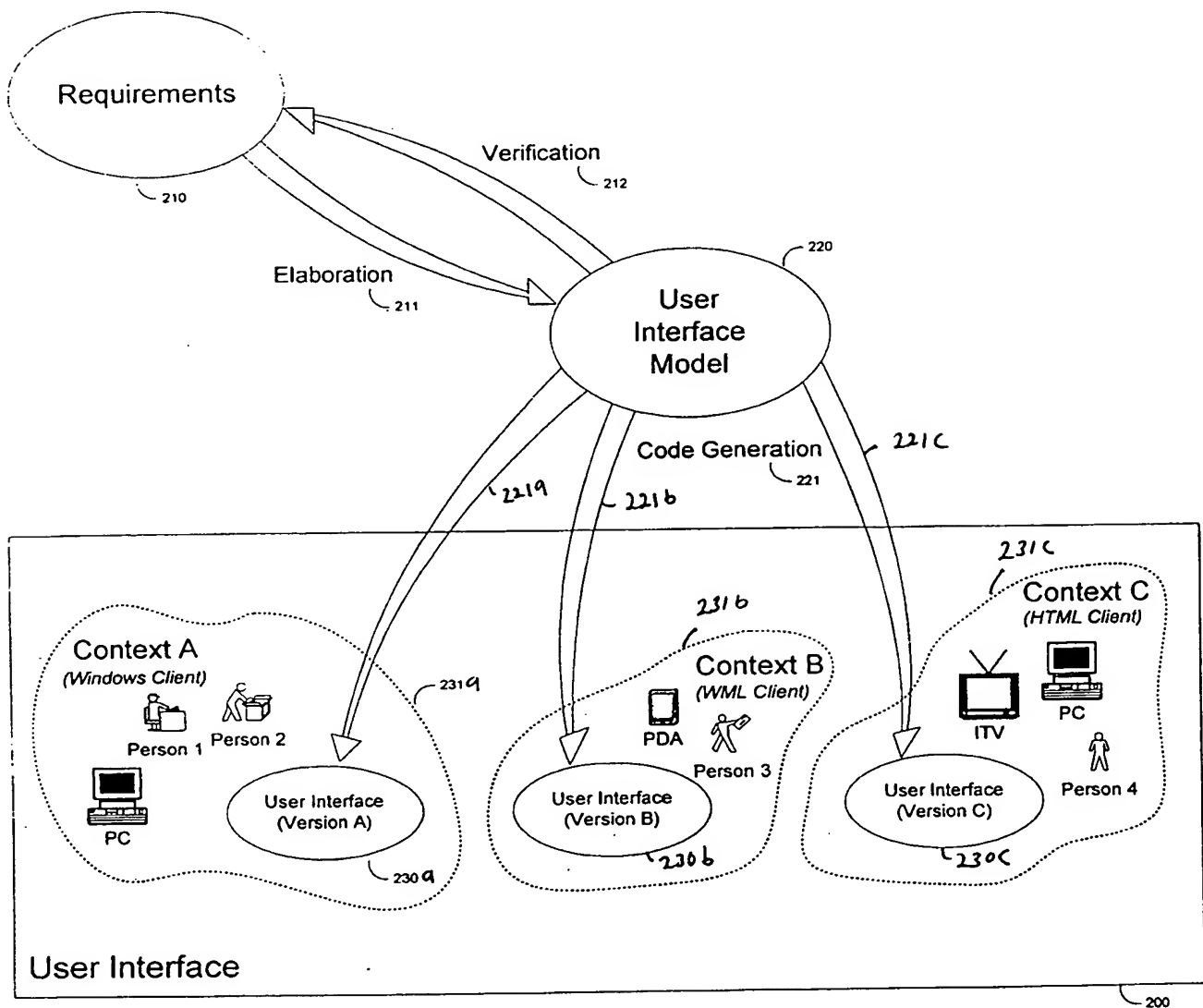
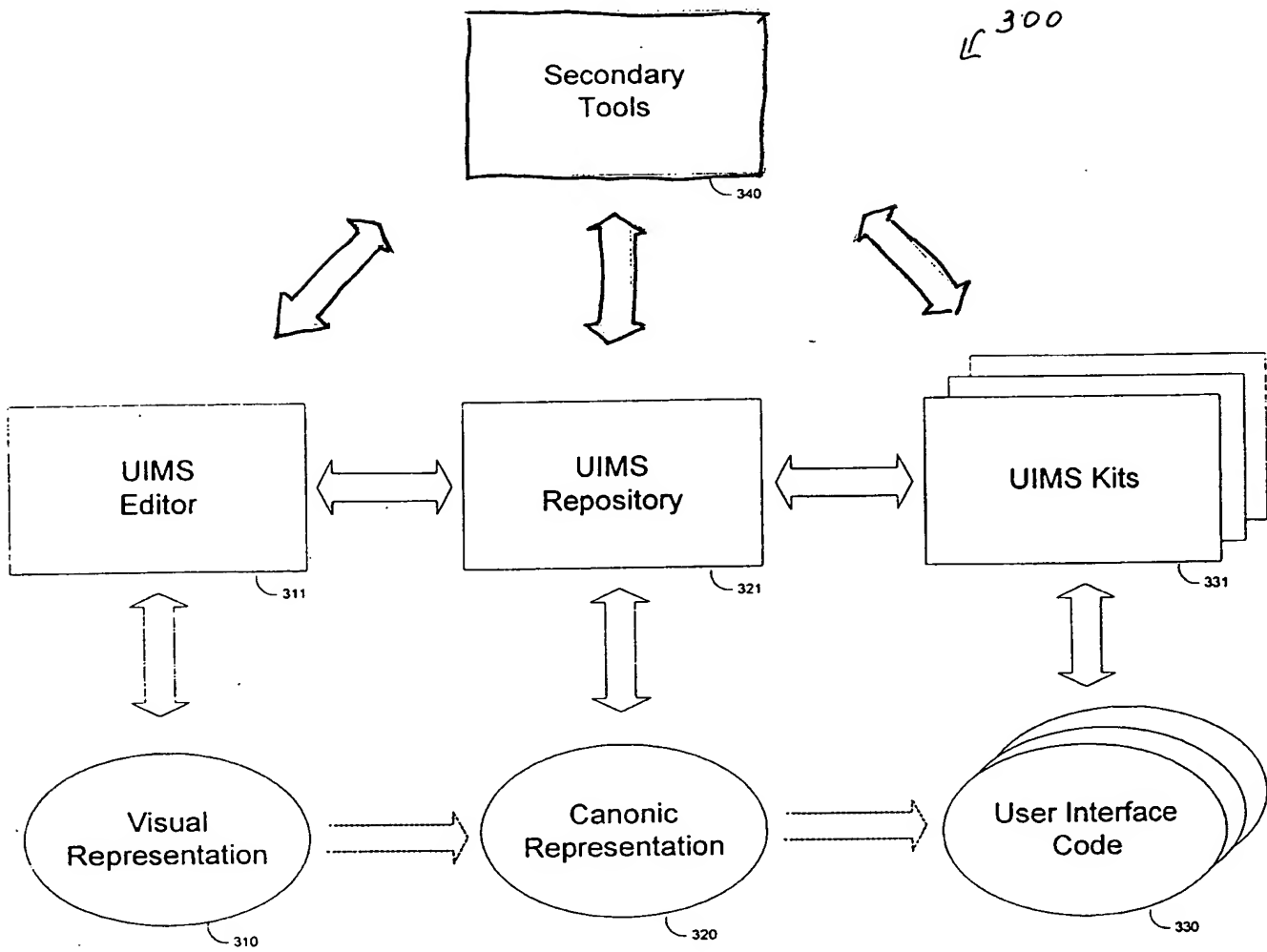


FIG. 2



User Interface Modeling System (UIMS)

FIG. 3A

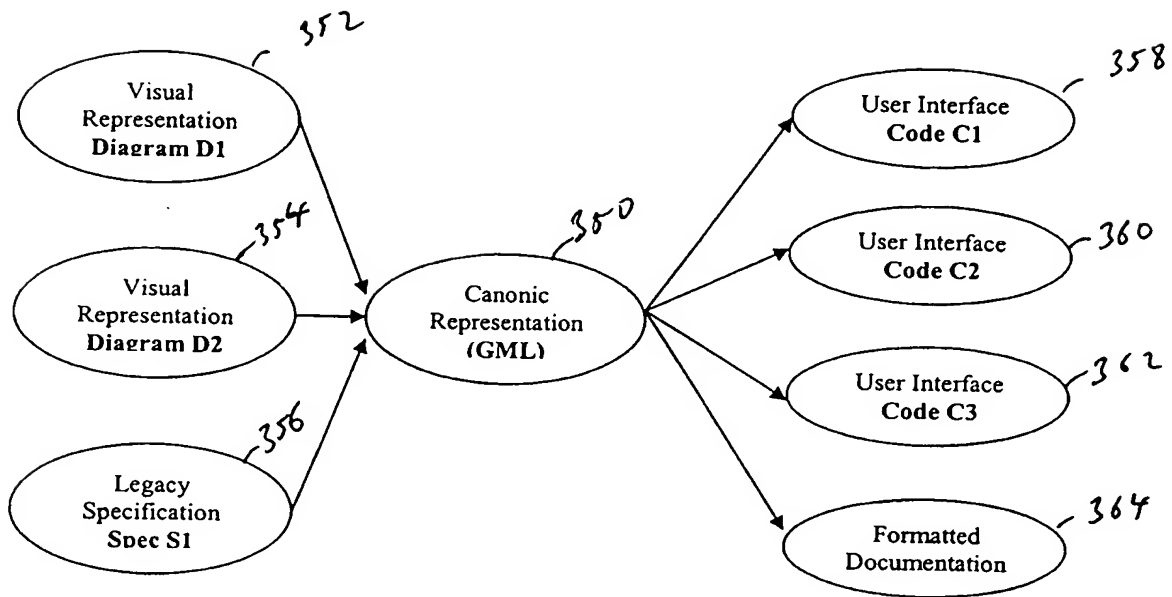


FIG. 3B

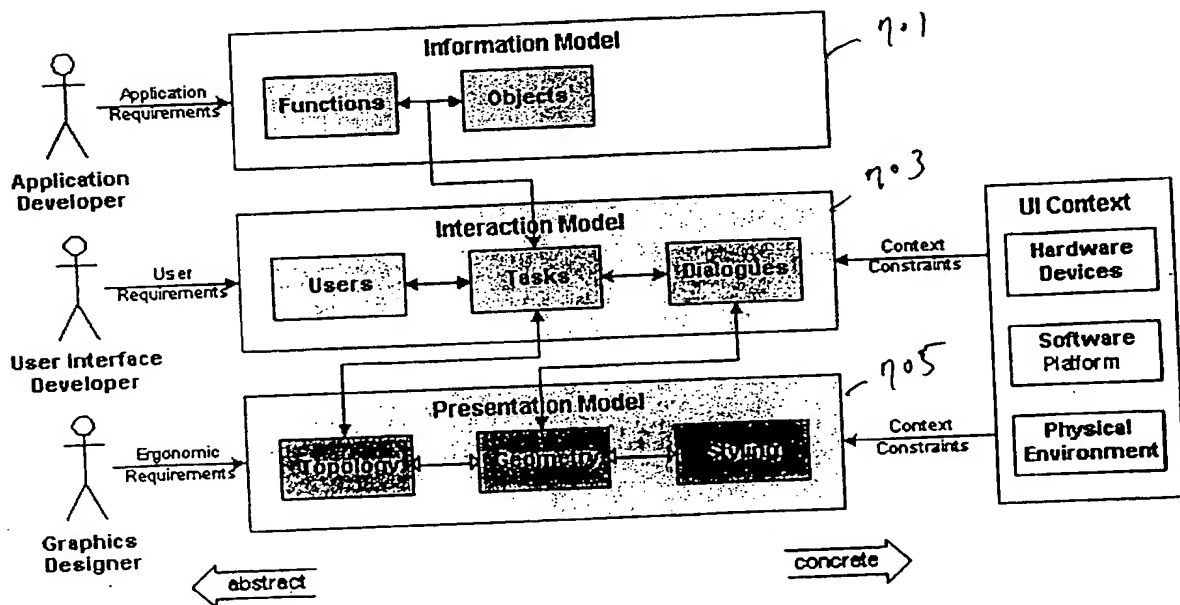


FIG. 7A

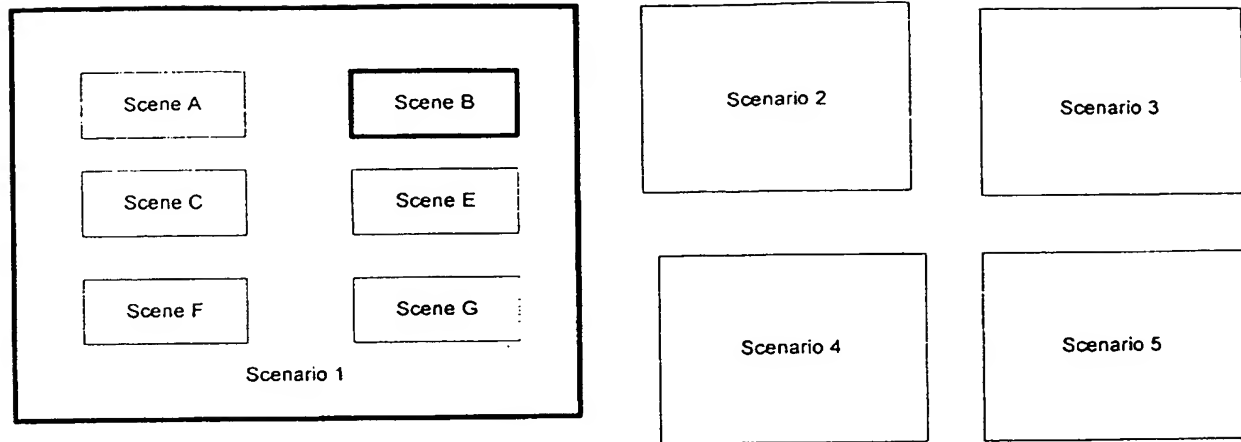


FIG. 3C

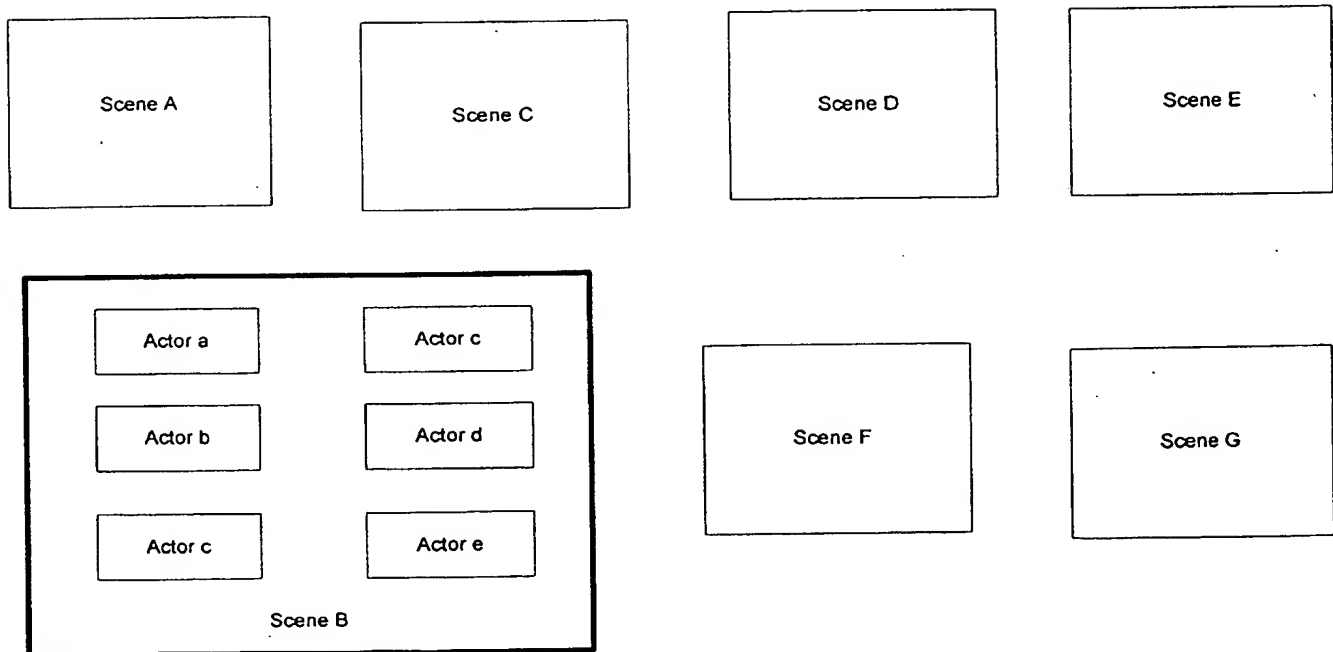
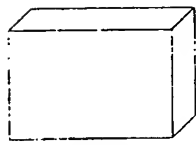
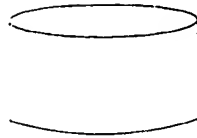


FIG. 3D

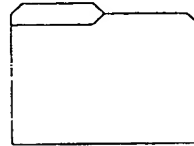
Actors



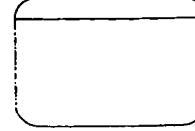
package
410



service
420



scenario
430



scene
440



actor
450

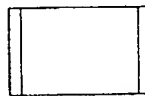
Infosets



singleton
421



list
422



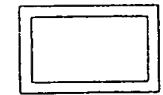
bag
423



cluster
424



tree
425



graph
426

Transitions



transition
431



invocation
432



condition
433



continuation
434



option
435



repetition
436



initial
437



terminal
438

Messages



message
(asynchronous)
441



message
(synchronous)
442



condition
443



continuation
444



in port
445



out port
446



bidi port
447



fork/join
448

Contexts



context
451



negative
context
452



remote
context
453



generalization
454

Callouts



note
461



properties
462



brackets
463

FIG. 4

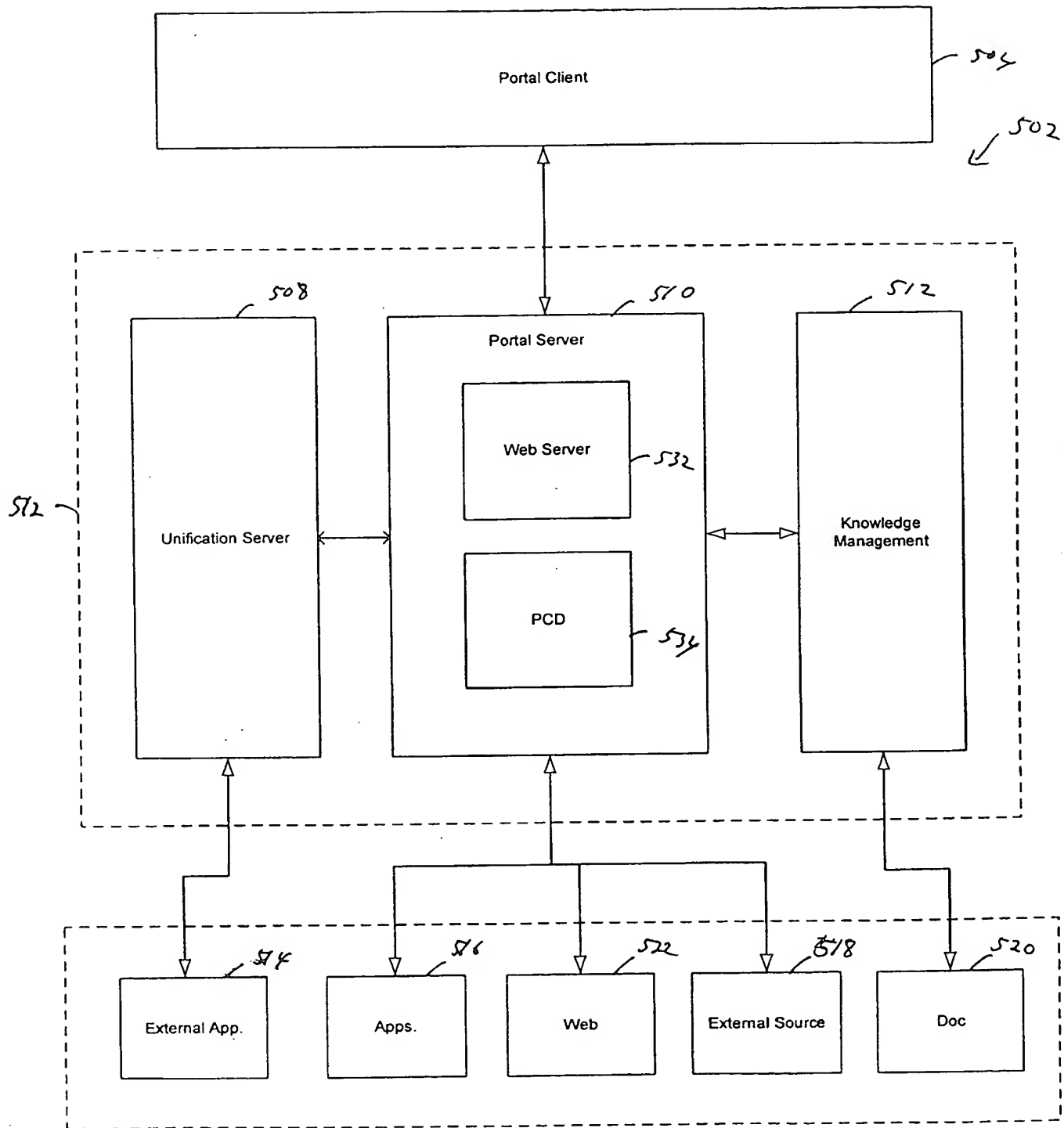


FIG. 5

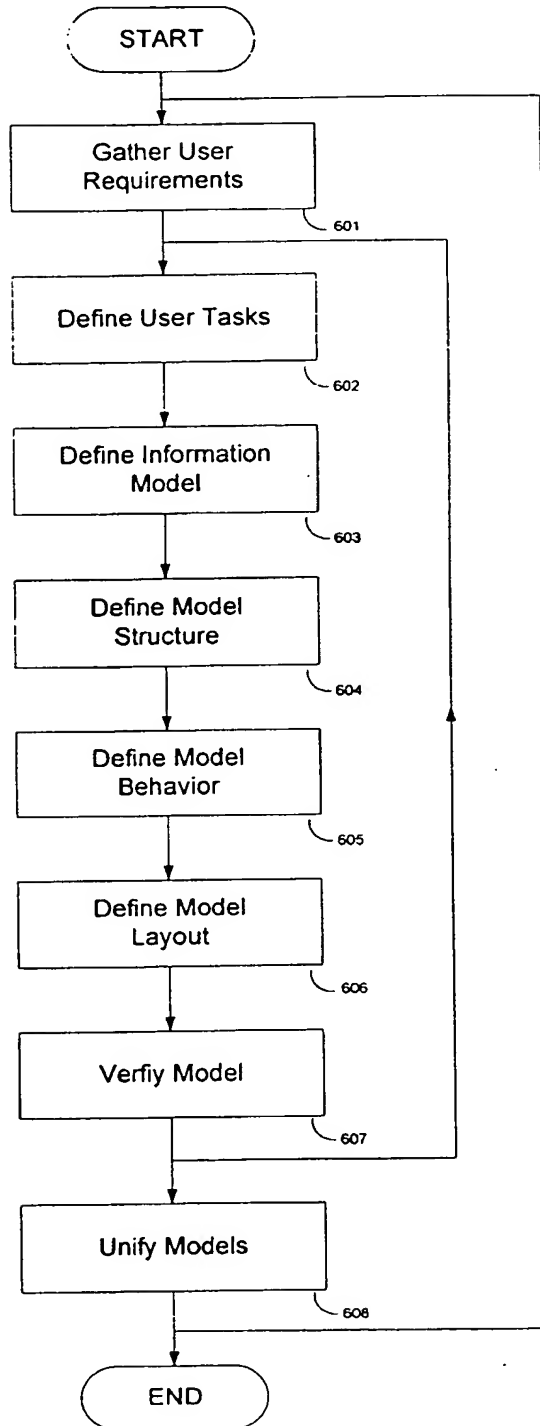


FIG. 6

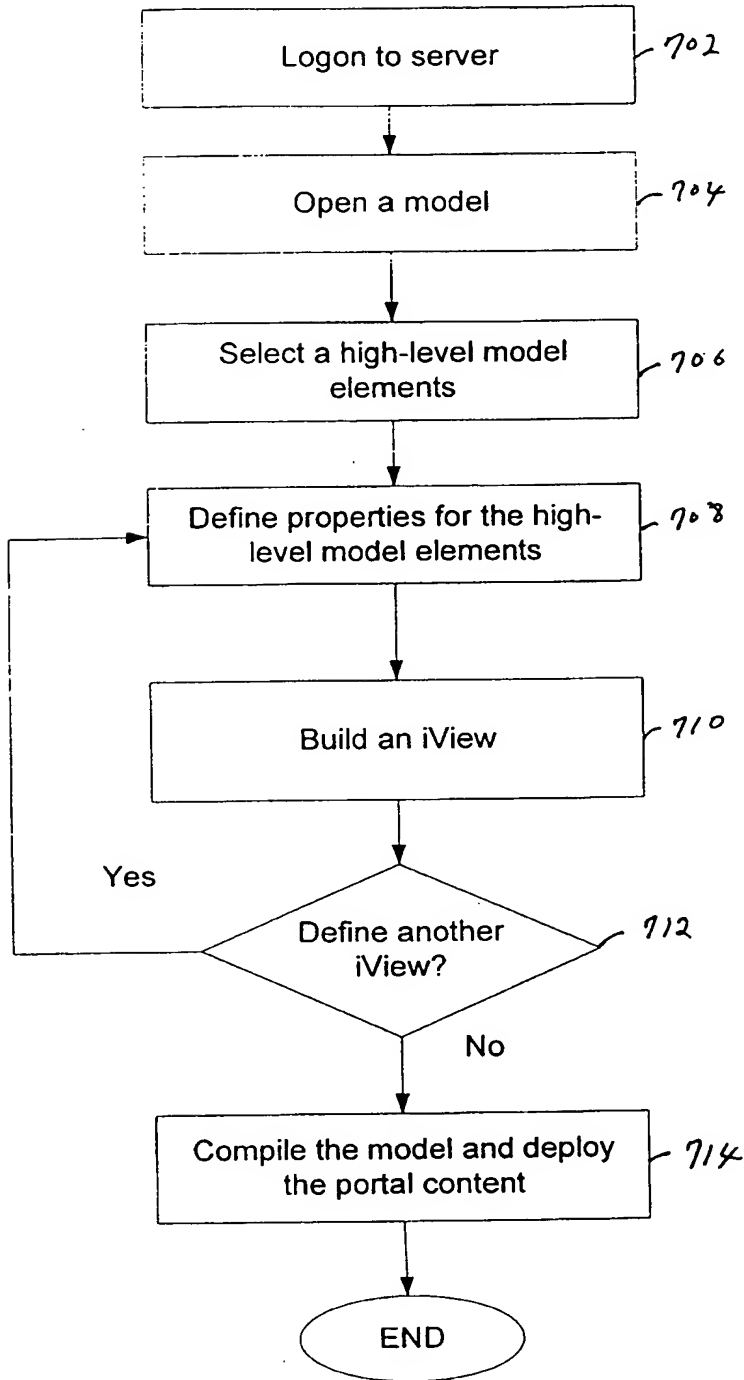


FIG. 7B

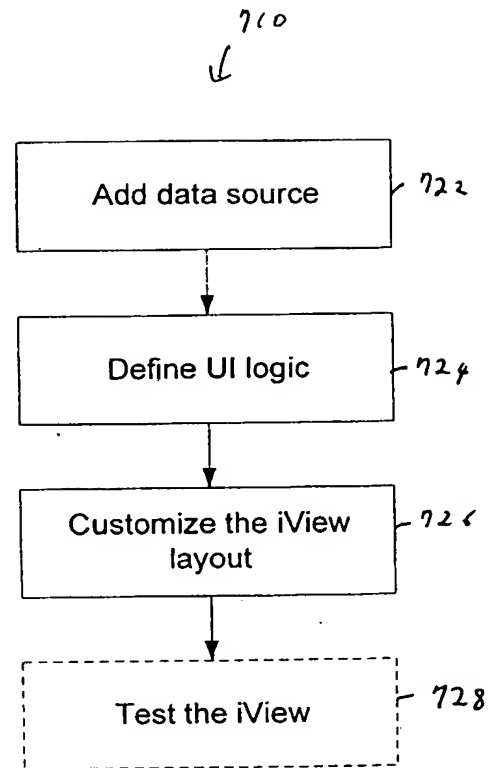


FIG. 7C

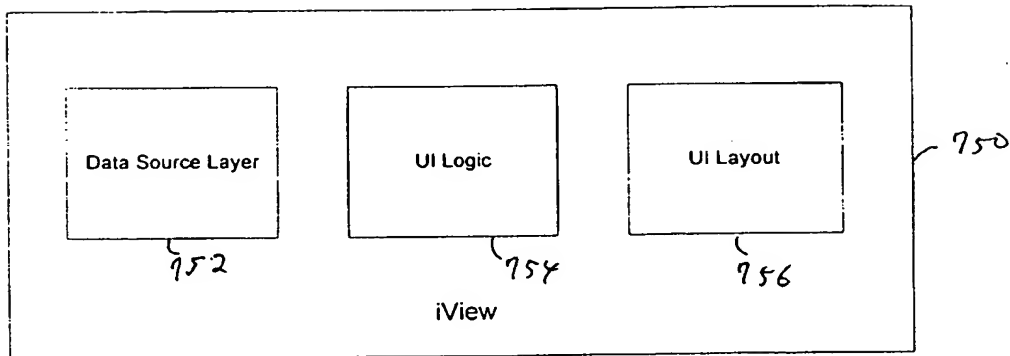


FIG. 7D

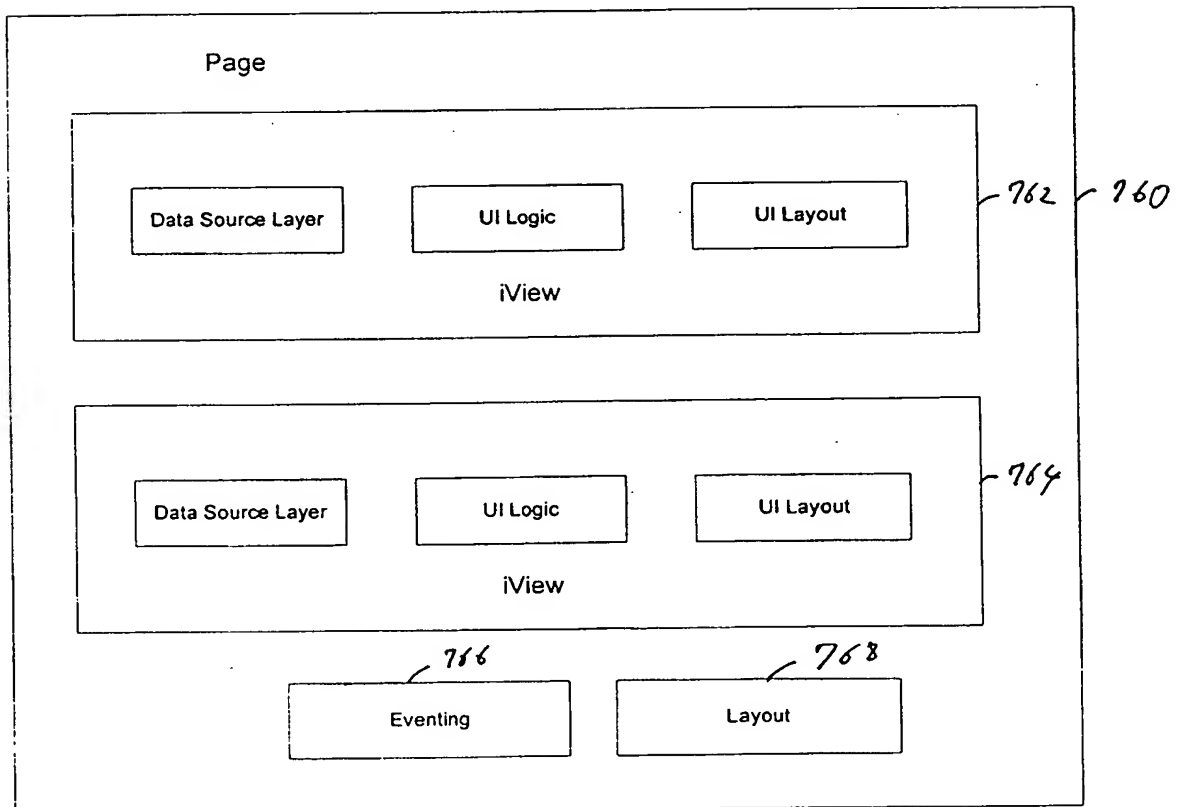


FIG. 7E

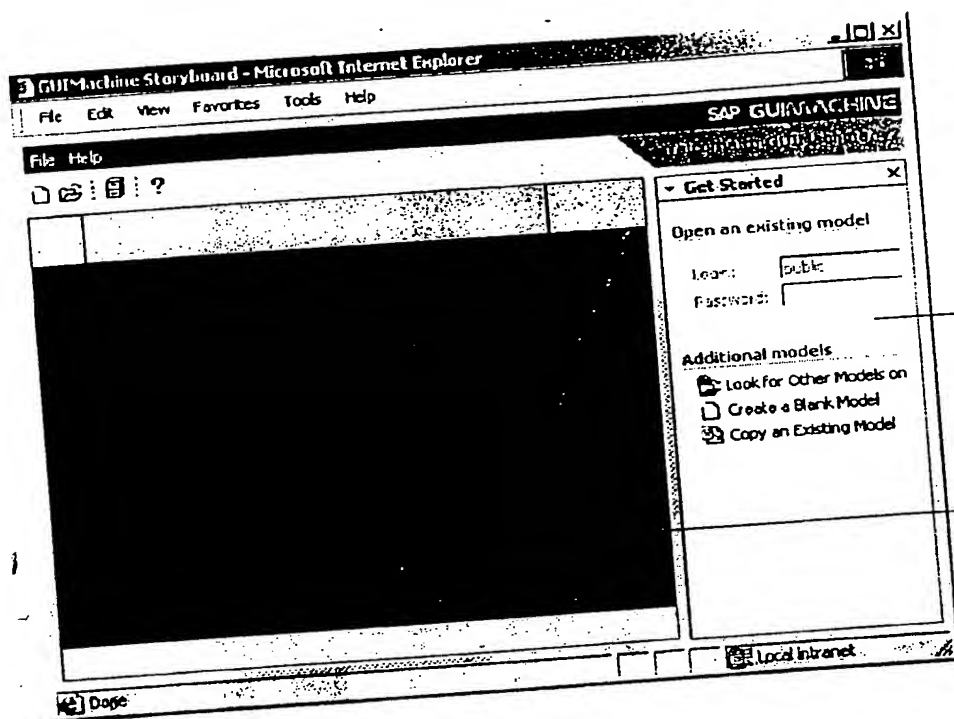


FIG. 8

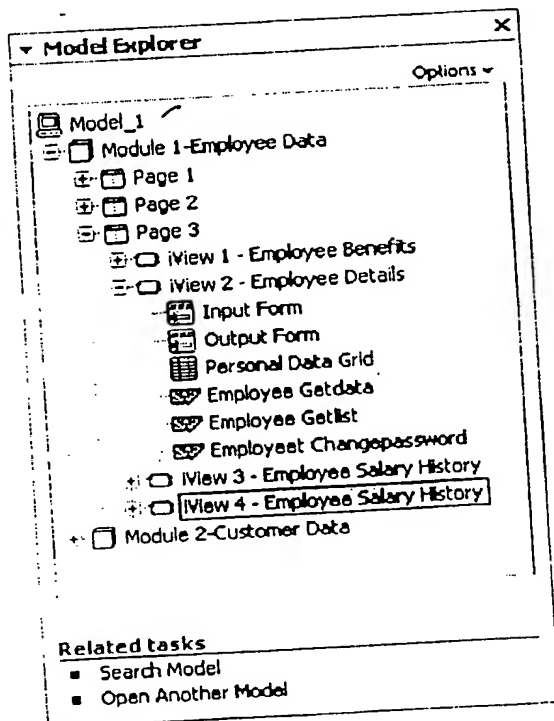


FIG. 17

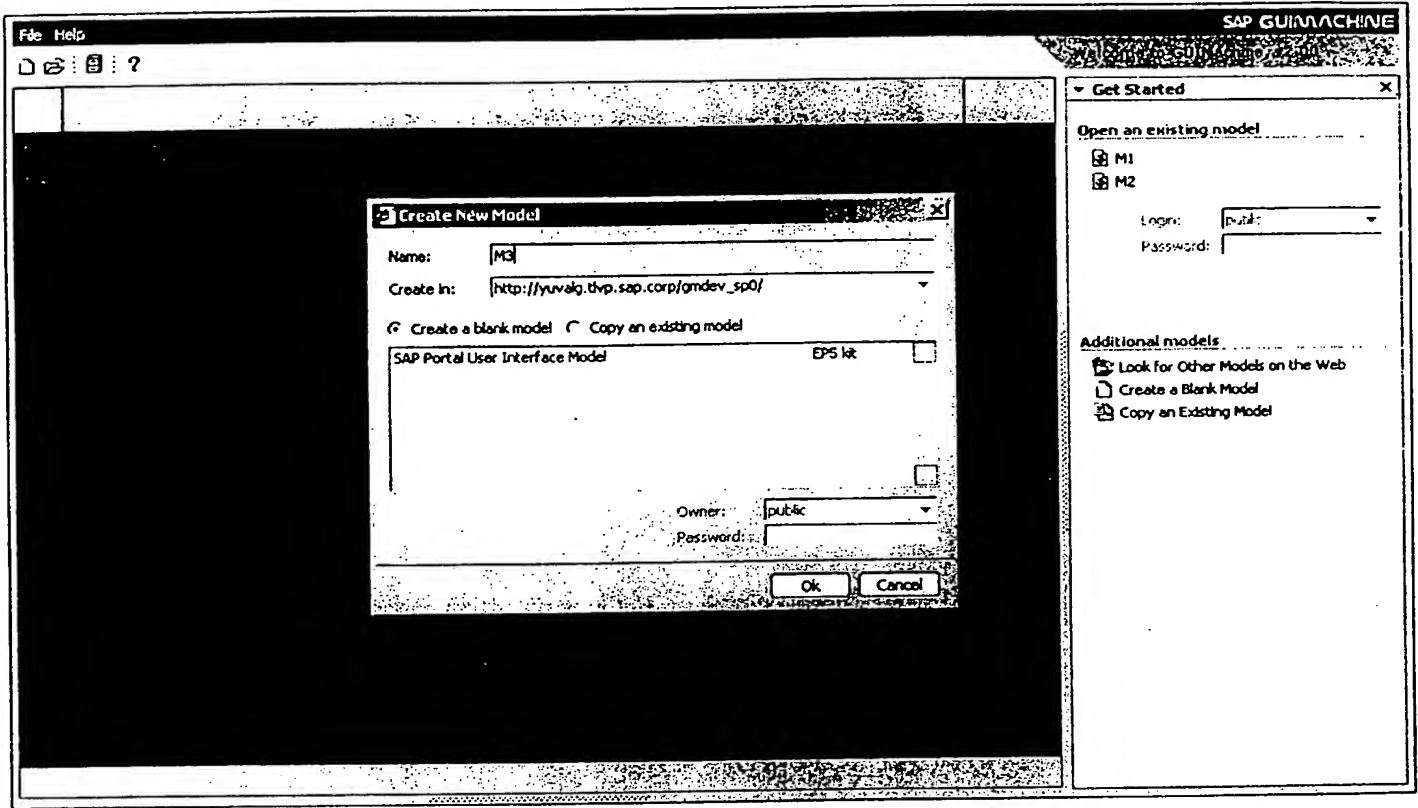


FIG. 9

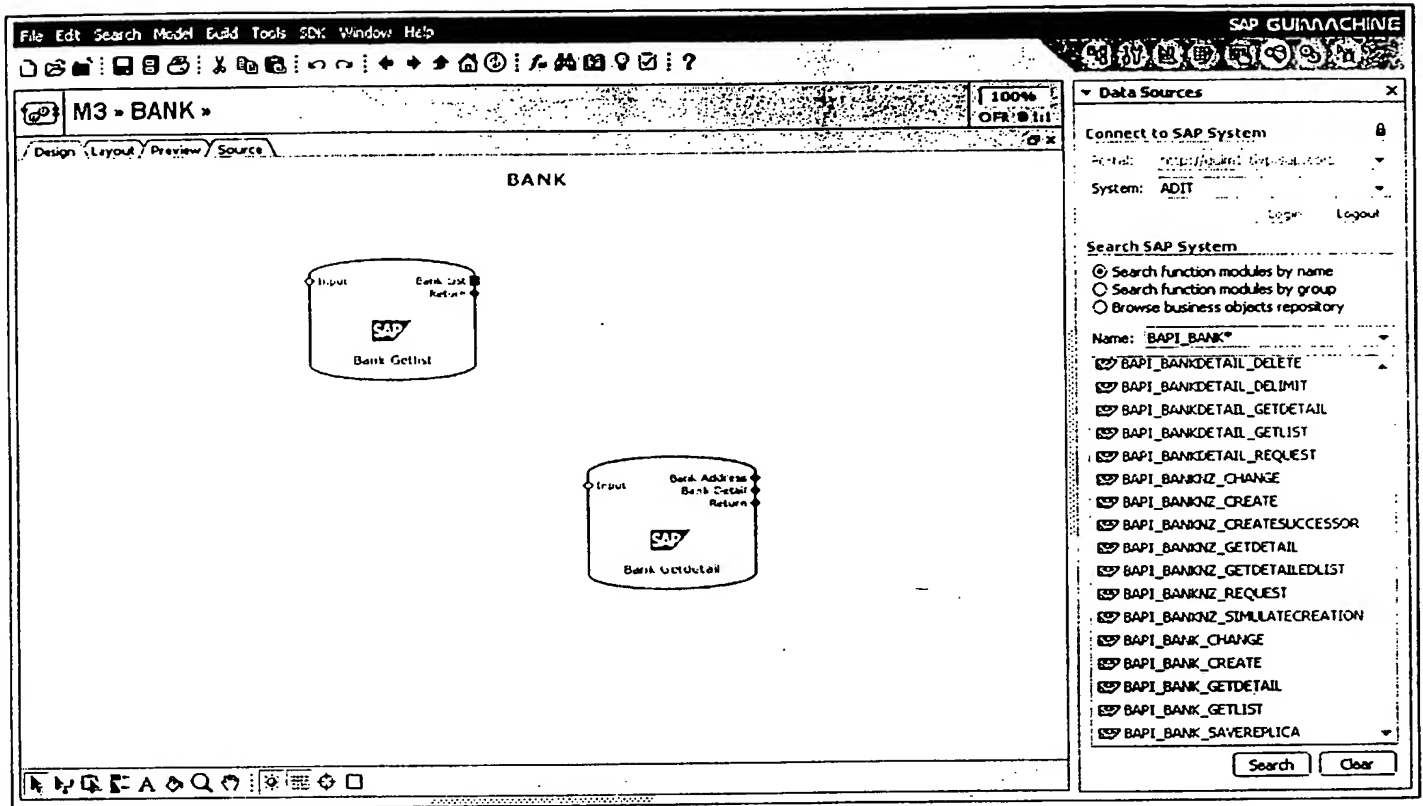
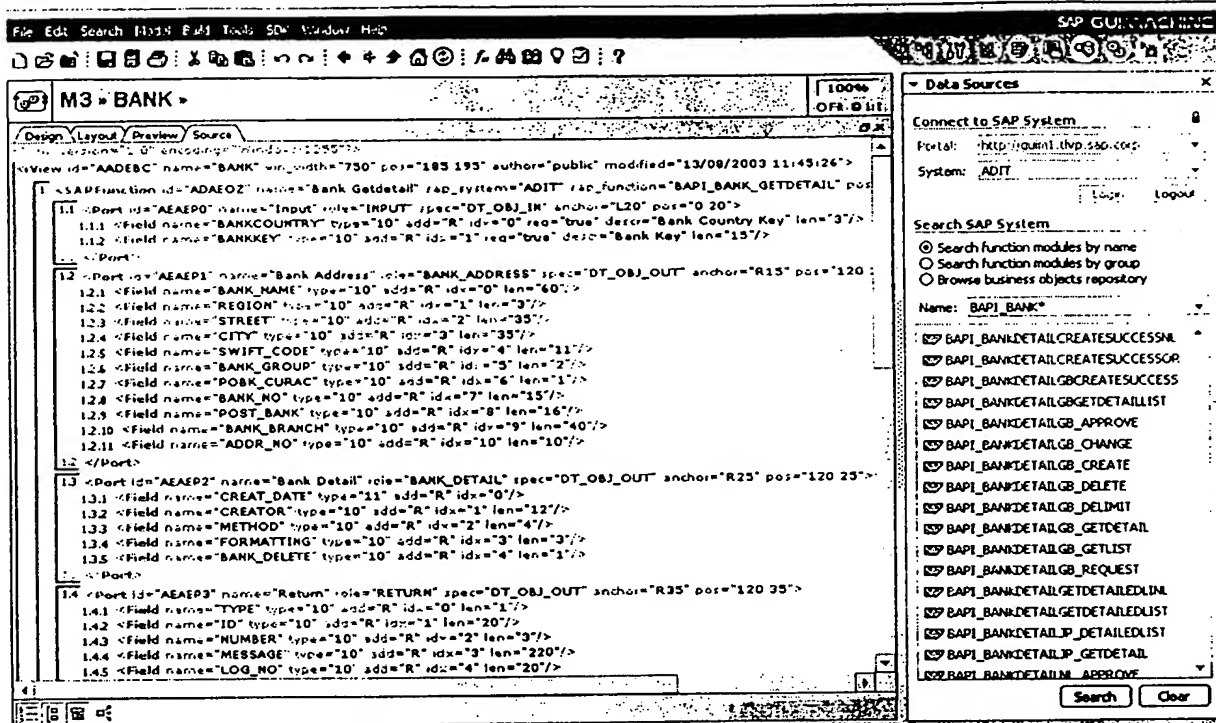
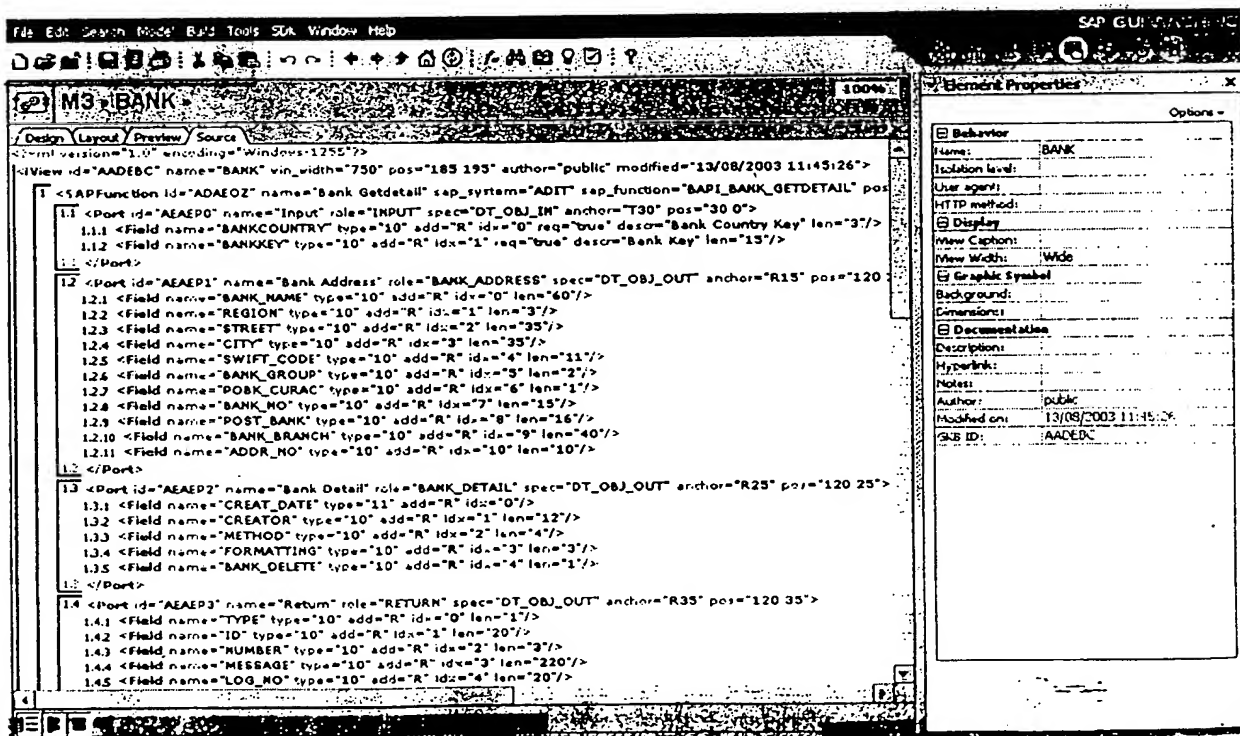


FIG. 10A



F16. 10B



F16. 11B

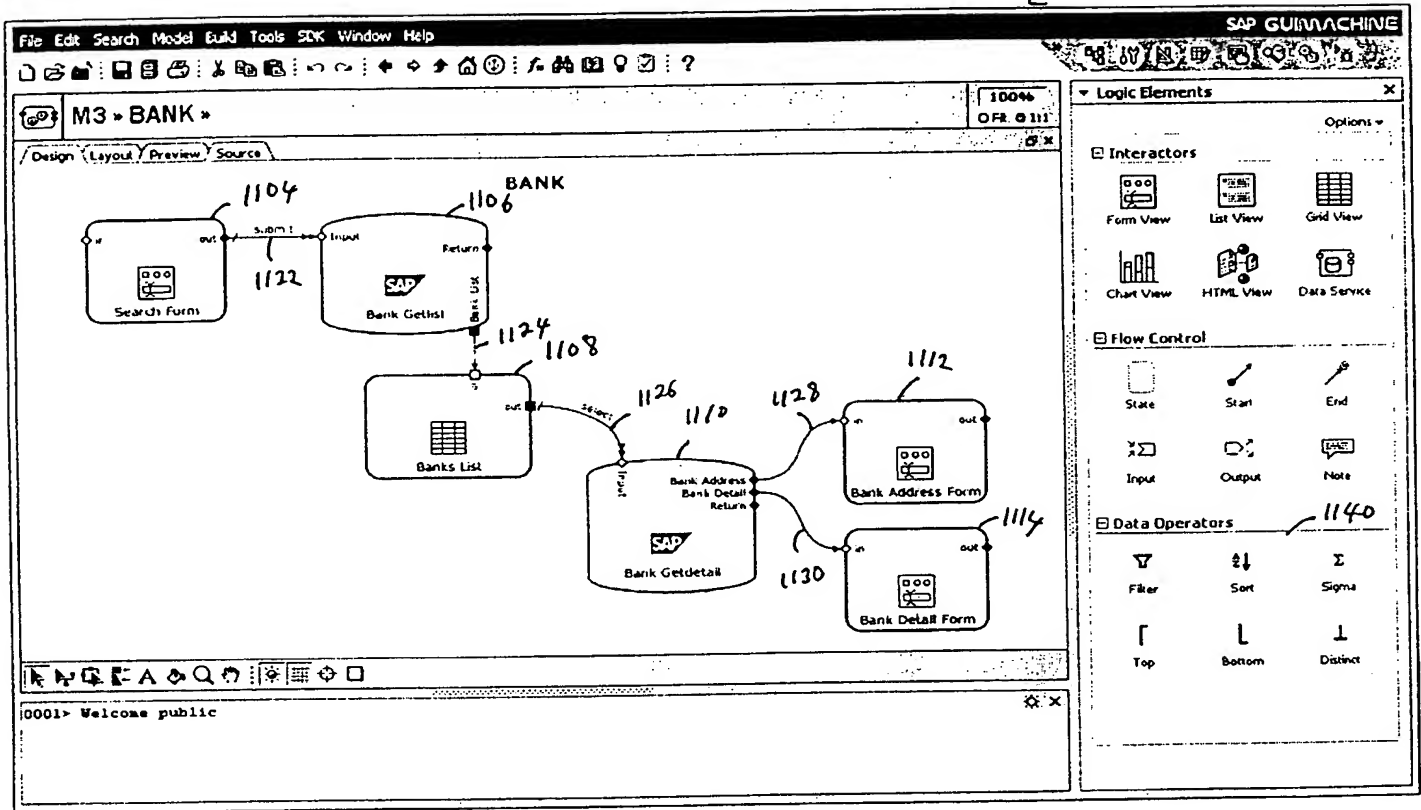


FIG. 11A

1202

SAP GUI MACHINE

File Edit Search Model Build Tools SDK Window Help

M3 > BANK 100% OF 111

Design Layout Preview Source

BANK

Search Form

Bank Ctry: Max Rows: Submit

Banks List

Bank Ctry	Bank Key	Bank Name	City
0/0			

Bank Address Form

Bank Name: Addr No: Bank Branch: City:

Bank Detail Form

Creator: Creat Date: Formatting: Method:

Layout Styles

Container Controls Options

Container Style

Frame Fill Plain

Primary Color Second Color Transparent

Grid Rows

Standard Alternating Transparent

☒ Titlebar ☐ Toolbar ☒ Scrollbars

☒ Editable ☒ Selectable ☒ Navigable

Title: Banks List

Rows: 6

16, 96 680 x 192 -1

F16.12

1302

File Edit Search Model Build Tools SDA Window Help

M3 » BANK » 100% OFF

Design Layout Preview Source

BANK [Running]

Search Form

Bank Ctry: US Max Rows: 25 Submit

Banks List

Bank Ctry	Bank Key	Bank Name	City
US	083000108	First Union Bank & Trust	Chicago
US	123123123	Citibank	New York
US	123445678	Chase Manhattan Bank	New York City
US	12345678	Commerce Bank	Philadelphia
US	123456780	PNC	Marlton
US	123456784	Chase Manhattan	New York

1/4

Bank Address Form

Bank Name: Citibank
 Addr No:
 Bank Branch: Time Square
 City: New York
 Pobj Curac:

Bank Detail Form

Creator: KLINGBEIL
 Creat Date: 25.01.1996
 Formatting:
 Method:
 Bank Delete:

Model Debugger

Connect to SAP System

Port: http://guim:11000/sapgui

System: ADIT

Login Logout

Events Monitor Off On

Choose event...

- 1) EVENT: SELECT (SearchForm)
- 2) EVENT: SUBMIT (SearchForm)
- 3) INIT: BankGetId, BankList, BankGetDetail, BankDetailForm
- 4) MAP: SearchForm -> BankGetId:Input
- 5) SAPFUNC: BankGetId
- 6) COPY: BankGetId:BankList -> BankList
- 7) EVAL: BankList
- 8) MAP: BankList -> BankGetDetail:Input
- 9) SAPFUNC: BankGetDetail
- 10) COPY: BankGetDetail:BankAddress -> BankAddressForm
- 11) COPY: BankGetDetail:BankDetail -> BankDetailForm
- 12) EVAL: BankAddressForm
- 13) EVAL: BankDetailForm
- 14) Done!

Run Step Clear

FIG. 13

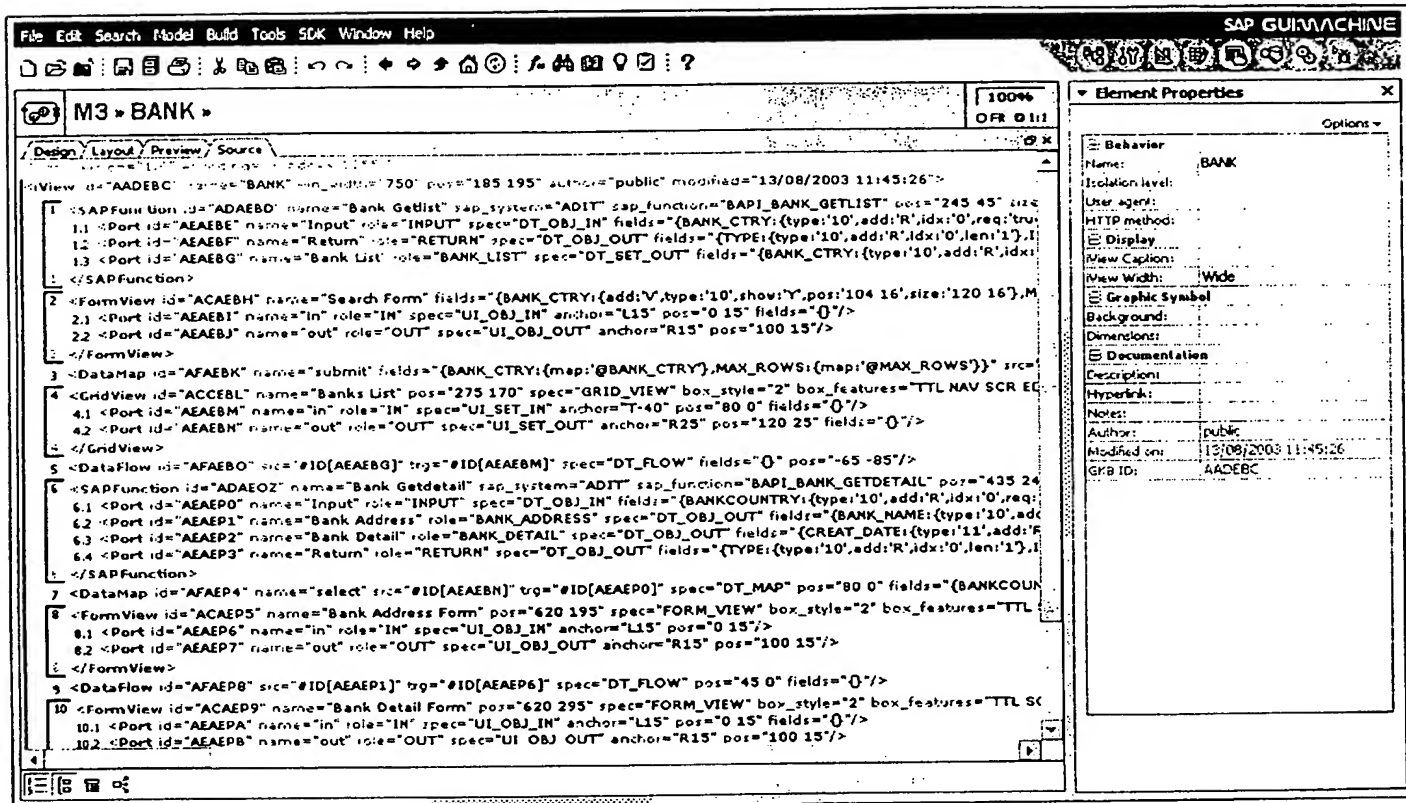


FIG. 14

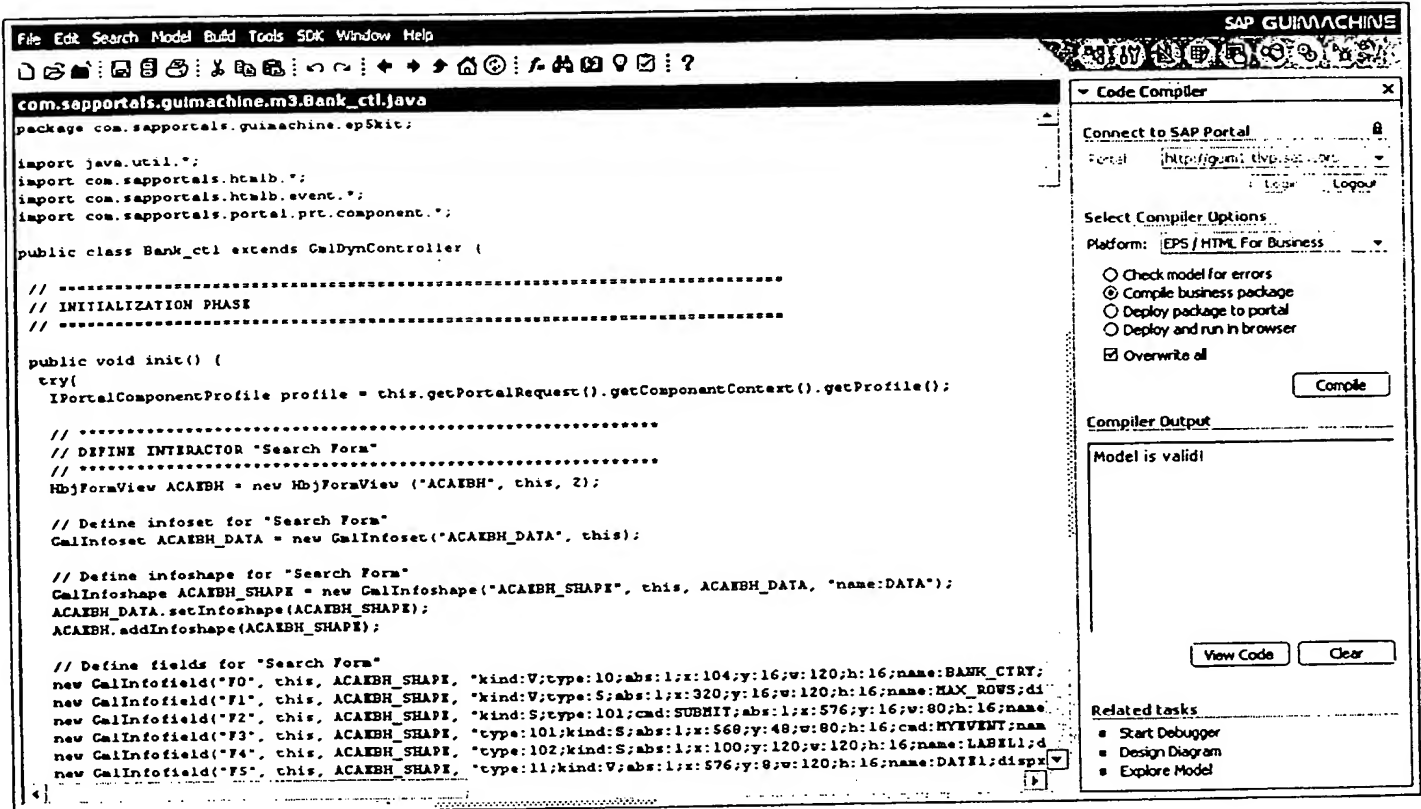


FIG. 15

File Edit View Favorites Tools Help

Back - Search Favorites Media -

Address http://guim1.thp.sap.corp/sapportal Go Links Storyboard GMLibrary

Welcome oren shoham

SAP

My Pages Portal Admin Content Admin Portal Monitoring System Configuration Support

Welcome • Banks View • UR Sample Page • Page 56Q

BANK

Search Form

Bank Ctry: us Max Rows: 25 Submit

Banks List

Bank Ctry	Bank Key	Bank Name	City
US	083000108	First Union Bank & Trust	Chicago
US	123123123	Citibank	New York
US	123445678	Chase Manhattan Bank	New York City
US	12345678	Commerce Bank	Philadelphia
US	123456780	PNC	Marlton
US	123456784	Chase Manahattan	New York

1/4

Bank Address Form

Bank Name: Citibank

Addr No:

Bank Branch: Time Square

City: New York

Pobk Curac:

Post Bank:

Bank Detail Form

Creator: KLINGBEIL

Creat Date: 25.01.1996

Formatting:

Method:

Bank Delete:

Local intranet

FIG. 16